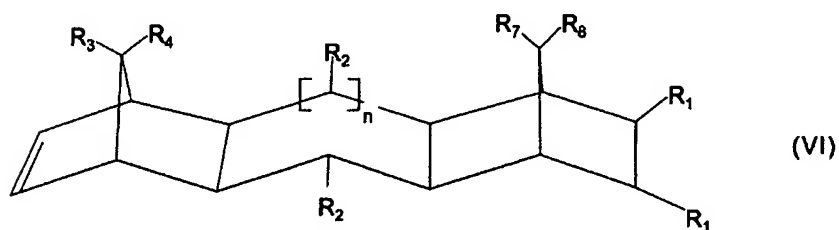
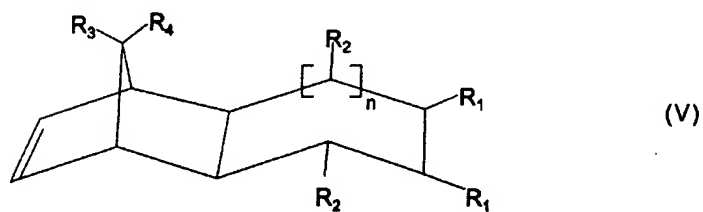
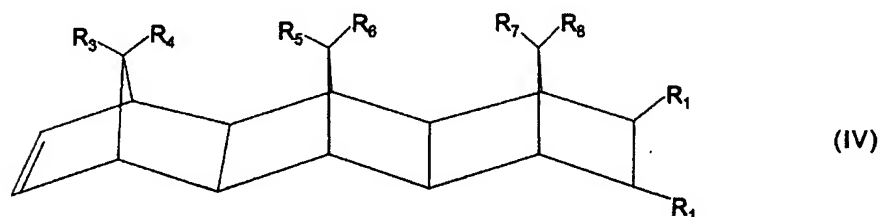
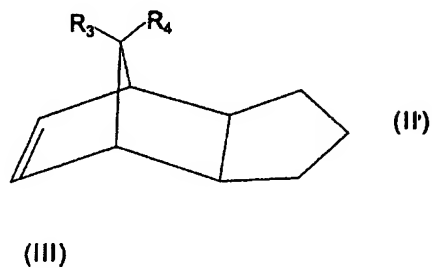
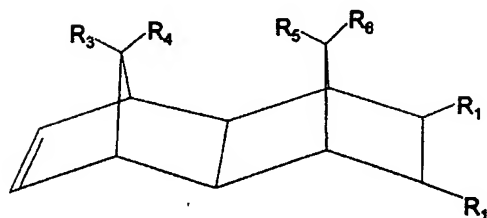
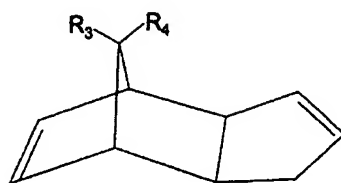
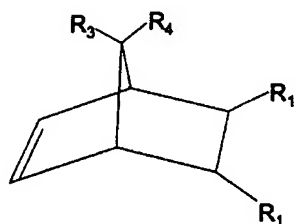


AMENDMENTS TO THE CLAIMS

1. (Currently amended) A process for producing a packaging composed of a thermoformable film composed of thermoplastic polyolefins, via thermoforming, where, after thermoforming, the film has an improved heat distortion temperature and a high water-vapor barrier, which comprises using, in the thermoformable film, an amount in the range from 5 to 100% by weight, based on the total weight of polyolefins, of COC with a glass transition temperature T_g in the range from 65 to 200°C, measured to DIN EN ISO 11357-1 with the aid of a DSC at a heating rate of 10 K/min, and which comprises producing therefrom, via thermoforming at a temperature in the range from 70 to 170°C, ~~preferably from 80 to 160°C~~, a packaging whose heat distortion temperature is in the range from 60 to 200°C, ~~preferably from 80 to 200°C, particularly preferably from 110 to 180°C~~.
2. (Currently amended) The process as claimed in claim 1, wherein the COC has an average molar mass, expressed as M_w , in the range from 500 to 2 000 000 g/mol, ~~preferably from 1000 to 1 000 000 g/mol, in particular from 3000 to 500 000 g/mol~~.
3. (Currently amended) The process as claimed in claim 1, ~~claim 1 or 2~~, wherein the COC has a viscosity number to DIN 53 728 in the range from 5 to 5000 ml/g, ~~preferably from 5 to 2000 ml/g, and in particular from 5 to 1000 ml/g~~.
4. (Currently amended) The process as claimed in claim 1, ~~one or more of claims 1 to 3~~, wherein the thermoformable film is a monofilm or a multilayer film and has a total thickness in the range from 5 to 2000 μm , ~~preferably from 50 to 500 μm , particularly preferably from 200 to 400 μm~~ .
5. (Currently amended) The process as claimed in claim 1, ~~one or more of claims 1 to 4~~, wherein the COC contains, based on the total weight of the COC, from 0.1 to 100.0% by

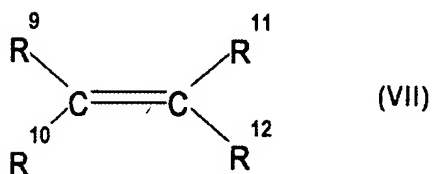
weight, preferably from 0.1 to 99.9%, of polymerized units which derive from at least one polycyclic olefin of the formulae I, II, II', III, IV, V or



where R^1 , R^2 , R^3 , R^4 , R^5 , R^6 , R^7 , and R^8 are identical or different and are a hydrogen atom or a C_1 - C_{20} -hydrocarbon radical, such as a linear or branched C_1 - C_8 -alkyl radical, C_6 - C_{18} -aryl radical, C_7 - C_{20} -alkylenearyl radical, or a cyclic or acyclic C_2 - C_{20} -alkenyl radical, or form a saturated, unsaturated or aromatic ring, where identical radicals R^1 to R^8 in the various formulae I to VI have a different meaning, and where n indicates values from 0 to 5,

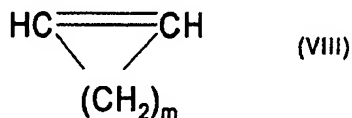
and

contains, based on the total weight of the cycloolefin copolymer, from 0 to 99.9% by weight, preferably from 0.1 to 99.9% by weight, of polymerized units which derive from one or more acyclic olefins of the formula VII



where R^9 , R^{10} , R^{11} and R^{12} are identical or different and are a hydrogen atom, a linear, branched, saturated or unsaturated C_1 - C_{20} -hydrocarbon radical, ~~such as a C_1 - C_8 -alkyl radical or a C_6 - C_{18} -aryl radical.~~

6. (Original) The process as claimed in claim 5, wherein the COC contains, based on its total weight, an amount of from 0 to 45% by weight of polymerized units which derive from one or more monoolefinic olefins of the formula VIII



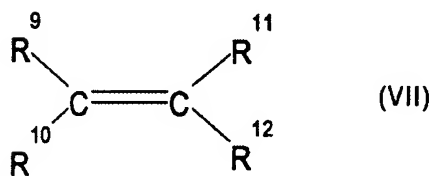
where m is a number from 2 to 10.

7. (Currently amended) The process as claimed in claim 1, ~~any of claims 1 to 6~~, wherein the COC has a glass transition temperature T_g in the range from 85 to 200°C, ~~preferably from 120 to 190°C~~, and wherein the process comprises, where appropriate, a mixture of COCs with different T_g .
8. (Currently amended) The process as claimed in claim 1, ~~any of claims 1 to 7~~, wherein the thermoformable film comprises, as other polyolefins, high- or low-density polyethylenes (HDPE, LDPE, LLDPE), ethylene-vinyl acetate copolymer, ionomer, polypropylene, olefin copolymers, plastomers, or a mixture of these.
9. (Currently amended) The process as claimed in claim 1, ~~any of claims 1 to 8~~, wherein the thermoformable film comprises up to 40% by weight of cut film arising during the production process in the form of regrind.
10. (Currently amended) A packaging, produced by a process as claimed in claim 1, ~~one or more of claims 1 to 9~~, which, after thermoforming of the thermoformable film, has a heat distortion temperature in the range from 60 to 200°C, ~~preferably from 80 to 200°C, particularly preferably from 110 to 180°C~~.
11. (Original) The packaging as claimed in claim 10, which is a blister pack.
12. (New) The process as claimed in claim 1, wherein said thermoforming at a temperature in the range from 80 to 160°C, a packaging whose heat distortion temperature is in the range from 110 to 180°C.
13. (New) The process as claimed in claim 1, wherein the COC has an average molar mass, expressed as M_w , in the range from 3000 to 500 000 g/mol.
14. (New) The process as claimed in claim 2, wherein the COC has a viscosity number to DIN 53 728 in the range from 5 to 1000 ml/g.
15. (New) The process as claimed in 14, wherein the thermoformable film is a monofilm or a multilayer film and has a total thickness in the range from 200 to 400 μm .

16. (New) The process as claimed in claim 5, wherein the COC contains, based on the total weight of the COC, from 0.1 to 99.9% by weight of polymerized units which derive from at least one polycyclic olefin of the formulae I, II, II', III, IV, V or VI

and

contains, based on the total weight of the cycloolefin copolymer, from 0.1 to 99.9% by weight of polymerized units which derive from one or more acyclic olefins of the formula VII



where R⁹, R¹⁰, R¹¹ and R¹² are identical or different and are a hydrogen atom, a linear, branched, saturated or unsaturated C₁-C₈-alkyl radical or a C₆-C₁₈-aryl radical.

17. (New) The process as claimed in claim 16, wherein the COC has a glass transition temperature T_g in the range from 120 to 190°C, and wherein the process comprises, where appropriate, a mixture of COCs with different T_g.

18. (New) A packaging, produced by a process as claimed in claim 17, which, after thermoforming of the thermoformable film, has a heat distortion temperature in the range from 110 to 180°C.